



Record of Modification to Documents Governing Field Activities Libby Asbestos Project

Form No. OU6-000002

Instructions: Complete form and obtain necessary approval(s). File approved copy in the project file and post final version to the Libby Field eRoom.

Requester: Scott Carney

Title: Project Manager

Company: Kennedy/Jenks on behalf of BNSF

Date: 8 May 2017

Governing document (title and approved date) or SOP (title and SOP number):

Field Sampling Plan - Revision 1 (FSP) (7 April 2017) and Quality Assurance Project Plan (QAPP) (11 August 2016)

Field logbook and page number where modification is documented (or attach associated correspondence):
Electronic mail dated 8 May 2017

Description of modification (attach additional sheets if necessary; include revised text for all document or SOP sections that are affected by the modification):

A field duplicate soil sample was not collected during the test pit investigation, as specified in the following sections of the FSP:

B.2.3 Field Quality Control Samples

Field QC samples associated with test pit investigation are field duplicates. These samples are discussed below.

One field duplicate sample will be collected in the Investigation Area. Soil field duplicate aliquots will be collected immediately adjacent to the parent aliquot sample locations. Therefore, the field duplicate will reflect the representativeness of the sampling approach. There is currently no acceptance criteria established for soil field duplicates. Field duplicate sample results may be used preferentially to the field sample results (for the same area) for decision making. Additionally, laboratory QC sample results may also be used preferentially to the field sample results for decision making.

Implication(s) of modification (if applicable, attach a list of affected property addresses or sample IDs):

This modification affects quality assurance/quality control (QA/QC) evaluation process for the two samples collected during the Test Pit Investigation since a comparison of parent/duplicate soil sample results will not be possible. However, the impacts to QA/QC evaluations are minimal since there are not current acceptance criteria established for soil field duplicates. This modification will not impact data results or the decision making process.

Duration of modification (indicate one):

Temporary Date(s): 20 April 2017

Permanent Effective Date: _____

Data Quality Indicator (indicate one; reference the definitions below for direction on selecting data quality indicators):

☐ Not Applicable

☐ Low Bias

☐ High Bias

☐ Reject

☐ Estimate

☒ No Bias

Prepared by: 

Date: 8 May 2016

Print Name: Scott Carney
(Team Leader or designate)

Approved by: 

Date: 5/9/17

Print Name: Dania Zinner

(EPA RPM or designate)

DATA QUALITY INDICATOR DEFINITIONS

Reject - Samples associated with this modification form are not useable. The conditions outlined in the modification form adversely affect the associated sample to such a degree that the data are not reliable.

Low Bias - Samples associated with this modification form are useable, but results are likely to be biased low. The conditions outlined in the modification form suggest that associated sample data are reliable, but estimated low.

Estimate - Samples associated with this modification form are useable, but results should be considered approximations. The conditions outlined in the modification form suggest that associated sample data are reliable, but estimates.

High Bias - Samples associated with this modification form are useable, but results are likely to be biased high. The conditions outlined in the modification form suggest that associated sample data are reliable, but estimated high.

No Bias - Samples associated with this modification form are useable as reported. The conditions outlined in the modification form suggest that associated sample data are reliable as reported.